

## MVP9-45-R

ViewPro 

### 5.14M HD IP WDR/TDN Indoor Outdoor IR Fixed Dome Camera



### SYSTEM OVERVIEW

ViewPro HD IP series network camera supports some intelligent functions, such as perimeter protection and smart motion detection. It adopts starlight solution, which makes a better image effect in low illuminance.

### FEATURES

- 1/2.8" 5.14M CMOS (Sony Starvis)
- Outputs max. 5.14M (2592 x 1944)@30fps
- Focus Length: 2.7~13.5mm, F1.4
- Video Compression: H.264, H.265, MJPEG
- Streaming Performance: 2592x1944p30 + 480p30 with H.264, H265 + MJPEG
- 100Kbps ~ 10Mbps, Multi-rate for Preview and Recording
- Body Material: Aluminum Die-casting
- Advanced built in ISP
- Real-time High Definition Camera
- Fluid integration way
- Dimensions (D x H): Ø125 x 92 mm

### FUNCTIONS

#### Optimized Multiple Profile Streaming

Optimized Multiple Profile Streaming Up to 4 streams are able to be set by different setting parameters such as res. video rate and frame rate to be serviced for different purposes at 1080p environments.

#### ROI (Region of Interest)

ROI (Region of Interest) Gives efficient video rates with optimized video quality. Frequently moving areas are keeping much better quality. On the other hands, less moving areas are dropping video rates.

#### Smart AVC

Smart AVC The "Advanced Video Coding" provides the most efficient way to stream audio & video data through network even 1080p at 600kbps bandwidth.

#### Advanced built in ISP

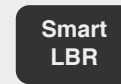
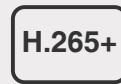
Advanced built in ISP 3D-DNR, Adjustable 3A features, Defect Pixel Correction, WDR, HDR, lens correction and even more advanced ISP functions are provided from built in ISP.

#### Two Motor MFZ (Motorized Focus Controllable) / P-Iris lens

Two motor MFZ(Motorized Focus Controllable) / P-Iris lens Focus control algorithm by SW enables to control two motors motorized lens remotely with the most cost-performance way. P-Iris gives the clearest focus by enabling automatic and precise control of iris opening. It delivers high resolution images with good depth of field.

#### Fluid Integration Way

Fluid integration way The latest Onvif profiles(S,G,Q) are optimized to have interoperability with any kind of purpose. Well-structured CGI-API plug in gives even more detailed functions to be integrated to VMS.



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## TECHNICAL SPECIFICATION

### CAMERA

Image Sensor	1/2.8" 5.14M CMOS (Sony Starvis)
Total Pixels	2592(H) X 1944(V)
Focal Length	2.7~13.5mm, F1.4
Lens Type	Two Motor MFZ
IRIS Type	P-IRIS
Field Angle (FOV)	D:39°~109°, H:31°~90°, V:24°~62°
Shutter Speed	Auto / Manual (1/15 ~ 1/32000), AntiFlicker, Slow Shutter (1/2, 1/3, 1/5, 1/6, 1/7.5, 1/10)
Min. Illumination	0.06 Lux, 0 Lux with IR (F1.4)
IR LEDES	H2IR
IR Distance	30m
Dynamic Range Conf.	WDR (DOL)
Dynamic Range	120dB or above
S/N Ratio	50dB
Pan / Tilt / Zoom	Z: X5.0 Optical
Day & Night	TDN (True Day & Night)
DNR	3D-DNR
Privacy Mask Support	16 Programmable Zone
AGC	Auto
Other Image Processing	Exposure, White balance, Sharpness, Brightness, Contrast, Saturation, Hue

### ENCODER (Audio & Video)

Video Compression	H.264, H.265, MJPEG
H.264 Profile	MP / HP
H.265 Profile	MP
Max Resolution	2592 x 1944
Multiple Profile Streaming Performance	2592x1944p30 + 480p30 with H.264, H265 + MJPEG
Video Bitrate	100kbps~10Mbps, Multi-rate for Preview and Recording
Bitrate Control	Multi Streaming CBR/VBR at H.264, H.265 (Controllable frame rate and Bandwidth)
Audio Compression	G.711
Special Feature	Smart LBR, ROI

## SECURITY & NETWORK

Network Protocol	TCP/IP, UDP, AutoIP, RTP (UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3 (MIB-2), ONVIF
Security	HTTPS (SSL), IP filtering, 802.1x, Digest Authentication
SIP/VoIP Support	N/A
Plug In	CGI API, ONVIF

## I/O & EVENT

Audio In / Out	1[1.0Vms, 3K ohm]/1
Alarm In /Out	1/1
Video Output (2nd Video Out)	1 CVBS 1.0V p-p(75ohm)
Event Trigger	Motion Alarm, Network disconnection, Temperature critical
Pre-Post Recording	Pre: 1 ~ 0~5 sec Post: 1~240 sec
Event Notification	FTP, E-Mail, Alarm Out, SD Card
Ethernet	RJ45 (10/100BASE-T)

## GENERAL

Support Languages	English, Korean, Japanese
Power	(Adaptor is not Included) DC12V POE IEEE 802.3af Class3
Power Consumption	DC12V : Max7.4W PoE : Max8.7W
Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity	10~90% RH (non-condensing)
Housing	Aluminum Die-casting
Dimensions (D x H)	Ø125 x 92 mm
Weight	0.51kg
Compliance	IP67 / IK10

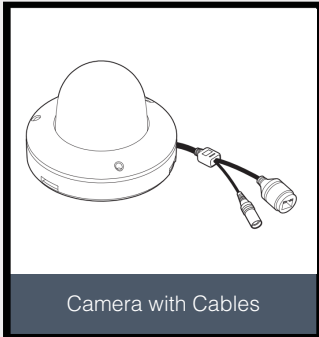
## STRUCTURE

Dome	125 Ø
Height	92 mm
Width	125 mm
Length	125 mm
Weight	Net: 0.51 Kg



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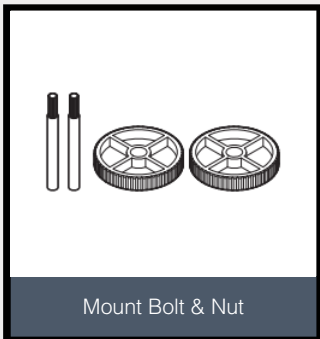
Camera with Cables



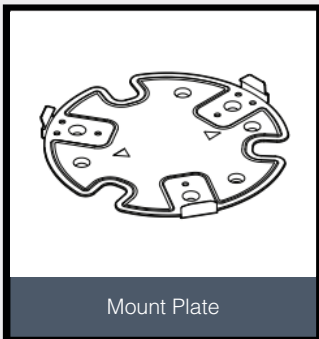
Dome Cover



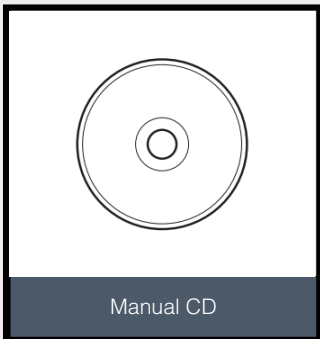
Waterproof cap & Gasket



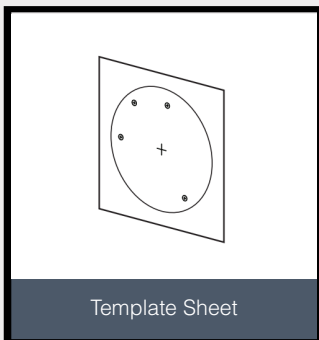
Mount Bolt & Nut



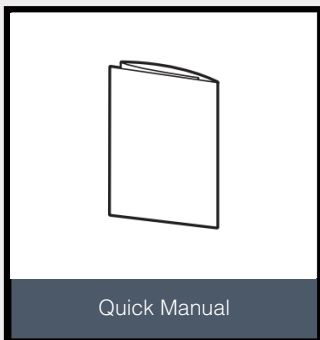
Mount Plate



Manual CD



Template Sheet



Quick Manual

## Dimensions (mm/inch)

